Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038414.D
Acq On : 15 Dec 2025 20:46
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 15 23:57:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	5408	0.400	ng		-0.01
7) Naphthalene-d8	10.509	136	15149	0.400	ng		#-0.02
13) Acenaphthene-d10	14.387	164	8136	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	14969	0.400	ng		#-0.01
29) Chrysene-d12	21.331	240	11523	0.400	ng		0.00
35) Perylene-d12	23.619	264	11784	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	5443	0.404	ng		0.00
5) Phenol-d6	6.879	99	6464	0.404	ng		0.00
8) Nitrobenzene-d5	8.864	82	4760	0.373	ng		-0.01
11) 2-Methylnaphthalene-d10	12.116	152	8316	0.389	ng		-0.01
14) 2,4,6-Tribromophenol	15.882	330	1414	0.392	ng		-0.01
15) 2-Fluorobiphenyl	13.003	172	17972	0.459	ng		0.00
27) Fluoranthene-d10	19.178	212	14047	0.379	ng		0.00
31) Terphenyl-d14	19.777	244	9842	0.383	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	2408	0.388	ng		99
3) n-Nitrosodimethylamine	3.499	42	2821	0.363	ng	#	98
6) bis(2-Chloroethyl)ether	7.132	93	6018	0.384	ng		99
9) Naphthalene	10.562	128	17082	0.381	ng		100
10) Hexachlorobutadiene	10.861	225	2955	0.371	ng	#	100
12) 2-Methylnaphthalene	12.192	142	11024	0.388	ng		99
16) Acenaphthylene	14.099	152	14733	0.369	ng		100
17) Acenaphthene	14.441	154	9968	0.358	ng		98
18) Fluorene	15.435	166	13238	0.370	ng		98
20) 4,6-Dinitro-2-methylph...	15.522	198	578	0.235	ng	#	77
21) 4-Bromophenyl-phenylether	16.329	248	4068	0.366	ng	#	85
22) Hexachlorobenzene	16.453	284	4857	0.364	ng		99
23) Atrazine	16.602	200	2714	0.358	ng	#	93
24) Pentachlorophenol	16.788	266	1783	0.342	ng		98
25) Phenanthrene	17.173	178	19016	0.365	ng		100
26) Anthracene	17.273	178	16353	0.364	ng		100
28) Fluoranthene	19.206	202	21188	0.383	ng		100
30) Pyrene	19.568	202	21509	0.379	ng		100
32) Benzo(a)anthracene	21.313	228	17494	0.393	ng		99
33) Chrysene	21.366	228	18934	0.386	ng		100
34) Bis(2-ethylhexyl)phtha...	21.259	149	10470	0.429	ng		100
36) Indeno(1,2,3-cd)pyrene	25.937	276	24340	0.389	ng		100
37) Benzo(b)fluoranthene	22.929	252	20529	0.379	ng		98
38) Benzo(k)fluoranthene	22.975	252	20552	0.381	ng		99
39) Benzo(a)pyrene	23.519	252	17121	0.387	ng		97
40) Dibenzo(a,h)anthracene	25.955	278	18843	0.391	ng		98
41) Benzo(g,h,i)perylene	26.645	276	20753	0.385	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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